Title (en)

PATTERN SEQUENCE SYNCHRONIZATION

Title (de)

MUSTERSEQUENZ SYNCHRONISIERUNG

Title (fr)

SYNCHRONISATION DE SEQUENCES DE STRUCTURES

Publication

EP 1642410 B1 20121031 (EN)

Application

EP 04743884 A 20040707

Priority

- IB 2004002221 W 20040707
- EP 03015374 A 20030708
- US 65707803 A 20030909
- EP 04743884 A 20040707

Abstract (en)

[origin: US2005008089A1] A synchronization that includes a pattern sequence. In the synchronization, symbols of a first pattern sequence are usually correlated, the symbols commonly including amplitude and/or phase information, thereby routinely obtaining a first differential phase information sequence, symbols of a second pattern sequence are correlated, the symbols generally including amplitude and/or phase information, thereby typically obtaining a second differential phase information sequence, and then the first and second differential phase information sequences are usually correlated, thereby obtaining a correlation result. Then, a synchronization between the first and second pattern sequences is often determined on the basis of the obtained correlation result.

IPC 8 full level

H04L 7/04 (2006.01); **H04L 5/12** (2006.01); **H04L 7/06** (2006.01); **H04L 27/00** (2006.01); **H04L 27/26** (2006.01)

CPC (source: EP KR US)

H04L 5/12 (2013.01 - EP US); **H04L 7/02** (2013.01 - KR); **H04L 7/04** (2013.01 - KR); **H04L 7/06** (2013.01 - KR); **H04L 27/0014** (2013.01 - EP US); **H04L 27/2656** (2013.01 - EP US); **H04L 27/2679** (2013.01 - EP US); H04L 2027/0095 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

US 2005008089 A1 20050113; **US 7412012 B2 20080812**; CN 1813438 A 20060802; CN 1813438 B 20111130; EP 1642410 A1 20060405; EP 1642410 B1 20121031; KR 100778919 B1 20071122; KR 20060036410 A 20060428; WO 2005004379 A1 20050113

DOCDB simple family (application)

US 65707803 A 20030909; CN 200480018353 A 20040707; EP 04743884 A 20040707; IB 2004002221 W 20040707; KR 20057025351 A 20051229